

## APPARATUS AND METHOD FOR RESTORING WORKING CONTEXT

### Abstract of the Disclosure

5        Provided are an apparatus and method of transmitting working context, which  
can minimize power consumption in a power-off standby mode of a portable apparatus  
including a system on a chip, where the method includes selecting a power-off standby  
mode, transmitting working context with respect to a hardware module, which is  
mounted on a semiconductor chip, to a predetermined memory, and storing the working  
context in the predetermined memory, transmitting the working context stored in the  
10        memory to a non-volatile memory outside the semiconductor chip, and storing the  
working context in the non-volatile memory, and executing the power-off standby mode;  
where the method may further include releasing the power-off standby mode, restoring  
the working context with respect to the hardware module, which is stored in the  
non-volatile memory, to the predetermined memory, and recovering the at least one  
15        hardware module to a state existing immediately before the power-off standby mode  
was executed by using the working context restored to the memory from the non-volatile  
memory.

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